

Additives for Adhesives Product Guide

Honeywell Performance Additives for Adhesives and Sealants

PRODUCT PROPERTIES							TYPE OF ADHESIVE						APPLICATION						PRIMARY PERFORMANCE ADVANTAGES								
	Mettler Drop Point (ASTM D-3954)	Hardness (dmm) (ASTM D-5)	Density (g/cc) (ASTM D-1505)	Viscosity (cps)	Brookfield (@temp)	Acid No. (mg KOH/g) (ASTM-D 1386)	EVA	PSA	APAO	MEO	PA	Sealant	Hygienic	Packaging	Bookbinding	Woodworking	Tape and Label	Construction	Viscosity Control/ Reduced Process Time	Increased Heat Resistance	Lower Application Temperature	Increased Adhesion to Various Substrates	Increased Adhesion at Cold Temperatures	Prevent Oil Migration	Compatibilizer	Anti-Block	
Polyethylene Homopolymers																											
A-C 6	106°C	4	0.92	375	@140°C	Nil	X	X	X	X			X	X	X	X			X	X	X				X		
A-C 8	113°C	1	0.93	450	@140°C	Nil	X	X	X	X			X	X	X	X	X		X	X	X				X		
A-C 9	115°C	0.5	0.93	450	@140°C	Nil	X	X		X			X	X	X	X	X		X	X	X				X		
A-C 617	101°C	7	0.91	180	@140°C	Nil	X	X						X	X	X	X		X		X				X		
A-C 1810A	121°C	2	0.95	20	@140°C	Nil	X							X	X	X			X	X	X				X		
A-C 820A	126°C	1	0.97	80	@140°C	Nil	X							X	X	X			X	X	X				X		
A-C 1702	90°C	98	0.88	30	@140°C	Nil	X	X	X					X	X	X	X		X		X						
High-Density Oxidized Polyethylene Homopolymers																											
A-C 307	140°C	<0.5	0.98	85000	@150°C	7	X							X						X		X			X		
A-C 316	140°C	<0.5	0.98	8500	@150°C	16	X	X						X			X		X	X		X			X		
A-C 325	136°C	<0.5	0.99	4400	@150°C	25	X	X						X		X	X		X	X		X			X		
A-C 330	137°C	<0.5	0.99	3600	@150°C	30	X	X						X		X	X		X	X		X			X		
A-C 392	138°C	<0.5	0.99	4500	@150°C	30	X	X						X		X	X		X	X		X			X		
A-C 395	137°C	<0.5	1	2500	@150°C	41	X	X						X		X	X		X	X		X			X		
Ethylene-Acrylic Acid Copolymers																											
A-C 540	105°C	2	0.93	575	@140°C	40	X	X			X		X	X	X	X	X	X	X		X	X		X	X	X	X
A-C 580	95°C	4	0.93	650	@140°C	75	X	X			X		X	X		X	X	X	X		X	X		X	X	X	X
A-C 5120	92°C	8	0.93	600	@140°C	120	X	X			X		X	X		X	X	X	X		X	X		X	X	X	X
Ethylene-Vinyl Acetate Copolymers																											
A-C 400	92°C	9.5	0.92	595	@140°C	13	X	X					X	X	X	X	X		X		X	X		X	X	X	X
A-C 430	75°C	70	0.93	600	@140°C	26	X	X					X	X	X	X	X		X		X	X		X	X	X	X
ACumist® Micronized Polyolefin Waxes																											
ACumist A	137°C	<0.5	0.99	-	-	26-40		X				X					X	X				X					
ACumist B	126°C	<1.0	0.96	-	-	Nil		X				X					X	X									
ACumist C	121°C	<1.0	0.95	-	-	Nil		X				X					X	X									
ACumist D	118°C	<2.0	0.94	-	-	Nil		X				X					X	X									
Maleated Polyethylenes																											
A-C 573P	106°C	4.5	0.92	600	@140°C	5	X	X			X		X	X	X	X	X				X	X	X		X		
Maleated Polypropylenes																											
A-C 596P	141°C	<0.5	0.93	150	@190°C	43	X	X	X	X	X	X		X	X	X	X		X		X	X	X		X		
A-C 597P	141°C	<0.5	0.94	350	@190°C	80			X	X	X	X		X		X	X		X		X	X	X		X		
A-C 925P	152°C	<0.5	0.93	350	@190°C	87			X	X	X	X		X		X	X		X		X	X	X		X		
A-C 950P	149°C	<0.5	0.93	2000	@190°C	43			X	X	X	X		X		X	X		X		X	X	X		X		
A-C 1325P	149°C	<0.5	0.92	1600	@190°C	18	X		X	X	X	X		X		X	X		X		X	X	X		X		
Polypropylene Homopolymers																											
A-C 1089	146°C	<0.5	0.91	45	@190°C	Nil			X					X		X	X		X		X						
A-C 1660	150°C	<0.5	0.89	60	@190°C	Nil			X					X		X	X		X		X						
A-C 1754	167°C	<0.4	0.89	775	@190°C	Nil			X					X		X	X		X		X						



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